

MODULAR STORAGE RACK

ABSTRACT OF THE DISCLOSURE

A modular storage rack for a flow through or push back rack system comprises a plurality of endless loop modular carriage units mounted end to end in adjacent storage bay sections and
5 being connected to cross beams at the ends of the sections. Mounting brackets or saddles interconnect the ends of the track sections with adjacent cross beams. A transfer assembly comprising wheels or rollers is mounted in the frame between adjacent ends of the carriage units. The transfer assembly maintains the storage units at a substantially level plane and modulates the speed of the storage units as they are transferred from one storage bay section to the next adjacent
10 storage bay section. An inclined ramp slows the storage units before they hit a stop plate at the end of the bay. The storage units ride on support surfaces having downwardly inclined edges that allow close clearance to transfer rollers.